
PROJECT TOPIC: STOCK MANAGEMENT SYSTEM

CSE Group No.:126

Project Group Members:

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Objective: The purpose of developing the project is to efficiently and effectively manage the inventory of a business. The system involves keeping track of stock levels, monitoring sales, and analyzing customer demand to ensure that the right amount of stock is available at the right time.

Tools required:

➤ **Hardware Requirements:**

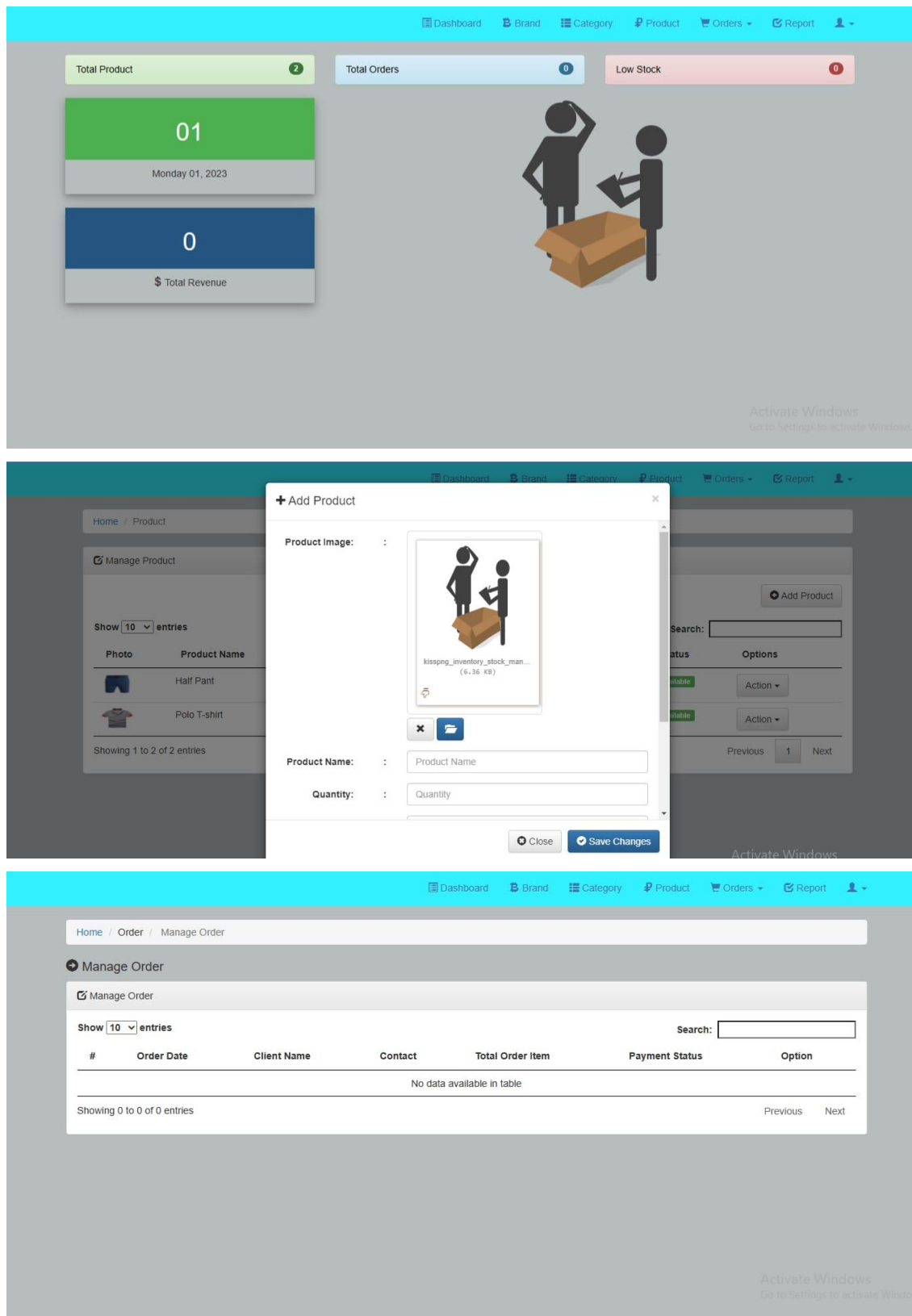
- Processor : Intel i3 or above
- Operating System : Any
- Hard Disk : 64GB
- RAM : 4GB or higher
- Internet Supply
- Keyboard
- Power Supply

➤ **Software Requirements:**

- VS code, XAMPP
- HTML, CSS, JS, Python
- MySQL
- Google Chrome

Abstract: A stock management system is a software-based solution designed to help businesses efficiently manage their inventory. It involves tracking stock levels, monitoring sales, analyzing customer demand, and optimizing the supply chain to ensure that the right amount of stock is available at the right time. The key objectives of a stock management system are to ensure adequate stock levels, minimize stock holding costs, optimize supply chain efficiency, improve forecasting accuracy, and reduce stockouts and overstocks. By achieving these goals, a stock management system can help businesses improve their operational efficiency, reduce costs, and increase profitability. The system is typically used in industries such as retail, manufacturing, and distribution, where inventory management is a critical part of the business process.

Outcome:



The screenshots show a web application interface for a product management system. The top navigation bar includes links for Dashboard, Brand, Category, Product, Orders, Report, and a user profile icon.

Dashboard Screenshot: The dashboard displays three key metrics: Total Product (2), Total Orders (0), and Low Stock (0). Below these, there are two large cards: a green card showing '01' for 'Monday 01, 2023' and a blue card showing '0' for '\$ Total Revenue'. A large illustration of two people with a box is also present.

Add Product Screenshot: A modal window titled '+ Add Product' is open. It contains a 'Product Image' field with a preview of a person with a box, a 'Product Name' field, and a 'Quantity' field. The 'Save Changes' button is highlighted.

Manage Order Screenshot: The 'Manage Order' section is shown. It includes a search bar and a table with columns: #, Order Date, Client Name, Contact, Total Order Item, Payment Status, and Option. The table is currently empty, displaying 'No data available in table'.